

What is claimed is:

[Claim 1] A method for displaying a web page that has been divided into a plurality of sections on a small-screen device having a keypad and a display, the method comprising the steps of:

- (i) mapping each of the plurality of sections of the web page to at least one button of a plurality of buttons on the keypad, based at least in part on a position of each section within the web page as compared to the position of the at least one button to which it is mapped within the keypad;
- (ii) detecting that a user of the small-screen device has selected one of the plurality of buttons on the keypad; and
- (iii) in response to step (ii), displaying on the display the section of the web page mapped to the selected button.

[Claim 2] The method of claim 1, wherein the keypad comprises a 12-key telephone keypad.

[Claim 3] The method of claim 1, wherein each section corresponds to a frame within the web page.

[Claim 4] The method of claim 1, wherein one of the sections corresponds to a table within the web page.

[Claim 5] The method of claim 1, wherein one of the sections is mapped to at least two buttons on the keypad.

[Claim 6] The method of claim 5, wherein step (i) comprises:

- (a) identifying a predetermined number of subsections of the one section, the predetermined number of subsections corresponding to the number of buttons to which the one section is mapped; and

(b) mapping each of the plurality of subsections of the one section to one of the buttons to which the one section is mapped, based at least in part on a position of each subsection within the one section as compared to the position of the buttons to which the one section is mapped, and wherein step (iii) comprises displaying on the display the subsection of the web page mapped to the selected button.

[Claim 7] The method of claim 1, wherein step (iii) comprises displaying an icon indicating which section of the web page is presently displayed.

[Claim 8] The method of claim 7, wherein the icon comprises a sectional representation of the web page.

[Claim 9] The method of claim 1, further comprising, prior to step (ii):

(iv) displaying a mapping screen indicating to the user of the small-screen device the mappings between sections and buttons.

[Claim 10] The method of claim 9, wherein step (iii) comprises displaying an icon indicating which section of the web page is presently displayed, and wherein the icon comprises a miniature representation of the mapping screen.

[Claim 11] A device comprising:

a display;

a keypad comprising a plurality of buttons;

a processor; and

a memory for storing computer readable instructions that, when executed by the processor, cause the mobile terminal to display a web page that has been divided into a plurality of sections by performing the steps of:

(i) mapping each of the plurality of sections of the web page to at least one button on the keypad, based at least in part on a position of each section

within the web page as compared to the position of the at least one button to which it is mapped within the keypad;

(ii) detecting that a user of the small-screen device has selected one of the plurality of buttons on the keypad; and

(iii) in response to step (ii), displaying on the display the section of the web page mapped to the selected button.

[Claim 12] The device of claim 11, wherein the device comprises a mobile telephone and the keypad comprises a 12-key telephone keypad.

[Claim 13] The device of claim 11, wherein each section corresponds to a frame within the web page.

[Claim 14] The device of claim 11, wherein one of the sections corresponds to a table within the web page.

[Claim 15] The device of claim 11, wherein one of the sections is mapped to at least two buttons on the keypad.

[Claim 16] The device of claim 15, wherein step (i) comprises:

(a) identifying a predetermined number of subsections of the one section, the predetermined number of subsections corresponding to the number of buttons to which the one section is mapped; and

(b) mapping each of the plurality of subsections of the one section to one of the buttons to which the one section is mapped, based at least in part on a position of each subsection within the one section as compared to the position of the buttons to which the one section is mapped, and wherein step (iii) comprises displaying on the display the subsection of the web page mapped to the selected button.

[Claim 17] The device of claim 11, wherein step (iii) comprises displaying an icon indicating which section of the web page is presently displayed.

[Claim 18] The device of claim 17, wherein the icon comprises a sectional representation of the web page.

[Claim 19] The device of claim 11, wherein the computer readable instructions further comprise, prior to step (ii):

(iv) displaying a mapping screen indicating to the user of the small-screen device the mappings between sections and buttons.

[Claim 20] The device of claim 19, wherein step (iii) comprises displaying an icon indicating which section of the web page is presently displayed, and wherein the icon comprises a miniature representation of the mapping screen.